

Title (en)

DISPLAY DEVICES AND DRIVING METHOD THEREFOR

Title (de)

ANZEIGEVORRICHTUNGEN UND VERFAHREN ZU IHRER ANSTEUERUNG

Title (fr)

DISPOSITIFS D'AFFICHAGE ET PROCEDE DE COMMANDE

Publication

EP 1766600 A1 20070328 (EN)

Application

EP 05762690 A 20050704

Priority

- IB 2005052221 W 20050704
- GB 0415102 A 20040706

Abstract (en)

[origin: WO2006006122A1] Driving schemes are described in which rows (1 to m) are selected one at a time and column data voltages are inverted to provide inversion schemes for display devices comprising pixels (12) arranged in rows (1 to m) and columns (1 to n). The order in which rows are selected is such that a first group of first polarity rows is selected in a first order, a first group of second polarity rows is selected in a second order, a second group of first polarity rows is selected in the second order, and a second group of second polarity rows is selected in the first order, the first order being one of ascending or descending row number order, and the second order being the other of ascending or descending row number order.

IPC 8 full level

G09G 3/36 (2006.01)

CPC (source: EP US)

G09G 3/3614 (2013.01 - EP US); **G09G 2310/0224** (2013.01 - EP US); **G09G 2310/0254** (2013.01 - EP US); **G09G 2320/02** (2013.01 - EP US); **G09G 2320/0247** (2013.01 - EP US); **G09G 2330/021** (2013.01 - EP US)

Citation (search report)

See references of WO 2006006122A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006006122 A1 20060119; CN 1985297 A 20070620; EP 1766600 A1 20070328; GB 0415102 D0 20040811; JP 2008506148 A 20080228; JP 4847447 B2 20111228; TW 200617835 A 20060601; TW I409737 B 20130921; US 2008013005 A1 20080117; US 7623107 B2 20091124

DOCDB simple family (application)

IB 2005052221 W 20050704; CN 200580023074 A 20050704; EP 05762690 A 20050704; GB 0415102 A 20040706; JP 2007519947 A 20050704; TW 94122390 A 20050701; US 57156905 A 20050704